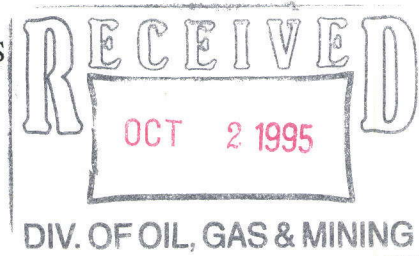


Assigned DOGM File No.: S 10031036  
DOGM Lead: LK

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
(801) 538-5340  
Fax: (801) 359-3940



**NOTICE OF INTENTION TO COMMENCE SMALL MINING OPERATIONS**

The informational requirements of this form are based on provisions of the Mined Land Reclamation Act, Title 40-8, Utah Code Annotated 1987, and the General Rules as promulgated under the Utah Minerals Regulatory Program.

"Small Mining Operations" means mining operations which disturb five or less surface acres at any given time.

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**I. GENERAL INFORMATION (Rule R647-3-104)**

1. Name of Mine: Nelsons Quartsite
2. Name of Operator/Applicant: Don & Keith Nelson  
Company ( ) Corporation ( ) Partnership (☒) Individual ( )
3. Permanent Address: Box 1166  
City: Almo State: Id Zip Code: 83312  
Telephone Number: ( )
4. Ownership of Land Surface:  
Private (Fee) ☒ Public Domain (BLM) ☐ National Forest (USFS) ☐  
State Trust Land/School Sections ☐ State Sovereign Lands ☐  
Other (please describe): \_\_\_\_\_
5. Ownership of Minerals:  
Private (Fee) ☐ Public Domain (BLM) ☐ National Forest (USFS) ☐  
State Trust Land/School Sections ☐ State Sovereign Lands ☐  
Other (please describe): \_\_\_\_\_  
Utah Mining Claim Number(s): None

Utah State Lease Number(s): NoneName of Lessee(s) None

6. Have the above surface and mineral owners been notified in writing?

Yes ☒ No ☐

If no, why not? \_\_\_\_\_

*Please be advised that if State Trust Lands are involved, notification to the Division of Oil, Gas and Mining alone does not satisfy the notification requirements of Mineral Leases upon State Trust Lands. Exploration or mining activity on State Trust Lands requires a minimum of 60 days notice to the Trust Lands Administration prior to commencing any activities. Please contact the School Institutional Trust Lands Administration (SITLA) at (801) 538-5508 for notification requirements.*

7. Does the operator have legal right to enter and conduct mining operations on the land covered by this notice? Yes
- ☒
- No
- ☐

II. PROJECT LOCATION & MAP (Rule R647-3-105)

1. Project Location (legal description):

County(ies): Box Elder

SW 1/4, of SE 1/4, of \_\_\_\_\_ 1/4: Section: 21 Township: 14N Range: ~~14W~~ 17W  
 \_\_\_\_\_ 1/4, of \_\_\_\_\_ 1/4, of \_\_\_\_\_ 1/4: Section: \_\_\_\_\_ Township: \_\_\_\_\_ Range: \_\_\_\_\_  
 \_\_\_\_\_ 1/4, of \_\_\_\_\_ 1/4, of \_\_\_\_\_ 1/4: Section: \_\_\_\_\_ Township: \_\_\_\_\_ Range: \_\_\_\_\_

2. A topographic base map showing the location of the proposed small mining operation must be submitted with this notice. A USGS 7.5 minute series map is preferred. The areas to be disturbed should be plotted in sufficient detail so that they can be located on the ground. It is recommended that the operator also plot and label any pre-existing disturbances in the immediate vicinity that he is not responsible for.

III. OPERATION PLAN (Rule R647-3-106)

1. Type of mining: Surface
- ☒
- Underground
- ☐

2. Mineral(s) to be mined: \_\_\_\_\_

3. Provide a brief description of the proposed mining operation and onsite processing facilities.
- open pit mining with Backhoe
- 
- & hand labor

☐ New Road(s): Length \_\_\_\_\_ (ft) Width \_\_\_\_\_ (ft)

☐ Improved Road(s): Length \_\_\_\_\_ (ft) Width \_\_\_\_\_ (ft)

Total project surface acreage to be disturbed: less than 5 (acres)

Proposed startup date of project (month, year) upon acceptance

Proposed completion date of project, if known (month, year) 10 yrs

#### IV. OPERATION AND RECLAMATION PRACTICES (Rule R647-3-107, 108 & 109)

The reclamation and operation obligation is to keep the area clean and safe, minimize hazards to public safety, return the land to a useful condition, and reestablish at least 70 percent of the premining vegetative ground cover. To accomplish this, the operator will need to perform reclamation concurrently, or at the completion (within one (1) year) of mining:

1. Keep the mining operation in a safe, clean, and environmentally stable condition.
2. Permanently seal all shafts and tunnels to prevent unauthorized or accidental entry.
3. Plug drill holes with a five foot cement surface plug. Holes that encounter fluids are to be plugged in the subsurface to prevent aquifer contamination.
4. Construct berms, fences, or barriers, when needed, above highwalls and excavations.
5. Remove, isolate, or neutralize all toxic materials in a manner compatible with federal and state regulations.
6. Remove all waste or debris from stream channels.
7. Dispose of any trash, scrap metal, wood, machinery, and buildings.
8. Conduct mining activities so as to minimize erosion and control sediment.
9. Reclaim all roads that are not part of a permanent transportation system.
10. Stockpile topsoil and suitable overburden prior to mining.
11. Stabilize highwalls by backfilling or rounding to 45 degrees or less, where feasible; reshape the land to near its original contour, and redistribute the topsoil and suitable overburden.
12. Properly prepare seedbed to a depth of six inches by ripping, discing, or harrowing.
13. Reseed disturbed areas with adaptable species. (The Division recommends seeding 20 lbs./acre of native and introduced species of grass, forb, and browse seed, and will provide a specific species list if requested.)
14. Plant the seed with a rangeland or farm drill, or if broadcast seeded, harrow or rake the seed 1/4-1/2 inch into the soil - fall is the preferred time to seed.

V. VARIANCE REQUEST (Rule R647-3-110)Yes ☒ No ☐

Any planned deviations from Rules R647-3-107, Operation Practices, R647-3-108, Hole Plugging Requirements, or R647-3-109, Reclamation Practices, as summarized above, should be identified below and justification given for the variance request(s).

<u>Item Number</u>	<u>Variance Request Justification</u>
12.	Rock Ridge No topsoil
13	No top soil to reseed.

VI. SIGNATURE REQUIREMENT

I hereby commit to conduct mining operations and to reclaim the aforementioned small mine as required by the Utah Mined Land Reclamation Act (40-8) and the rules as specified by the Board of Oil, Gas and Mining.

Signature of Operator/Applicant:

Name (typed or printed):

Title/Position (if applicable):

Date:

Don Nelson  
Don Nelson  
Land Owner  
\_\_\_\_\_



## A simple line drawing of two mountain peaks. The peak on the left is slightly taller and has a small vertical line extending from its top. The peak on the right is shorter and has a small vertical line extending from its top. Both peaks are connected by a horizontal line at their base. The drawing is done in a dark ink on a light background.

8578A7  
21

MOUNTAIN

1000

Quarry

1WD

Nelson

Low Flow

cotton

Nelsen's

Len Thomass  
cotton Thomass  
Jarry  
Quincy

A close-up photograph of a topographic map. The map features contour lines and the text 'Basin' and 'COTTON' printed on it. The word 'COTTON' is written in large, bold, capital letters, and 'Basin' is written in a smaller font above it. The map is oriented diagonally.

# THOMSON

peaks  
TWIN  
8584

Mahogany

Creek

Tom

Adit (